AEE/KSD/SBR/52/19-20

Date-12-10-2019

Original/Duplicate/Triplicate

CONTRACT CERTIFICATE

(For Other Works)

Nominal Bill

Date.....2019

Zone:**BBMP,Yelahanka** Division:**BBMP, Byatarayanapura** Sub-Division:**BBMP, Kodigehalli**

Bill Received No. Dated Divisional / Sub-Divisional

Cash Book Voucher No.....Dated.....

Job Code: 007-19-000025

Schedule Docket No. Head of Account: P1771 3295 Est.Cost: Rs.15.00 Lakhs D.R.NO.:

Name of Work : Providing UGD Line in Ward No 07, Byatarayanapura

Name of Contractor and Full Address: Sri.B.Girish, # 227, 32 A Cross, 7th Block, Jayanagara, Bangalore-11

Reference to Agreement No. BBMP/EE/BTP/WO/09/2019-20 Date: 04.05.2019

Certified that the measurements were taken by me on: 01-10-19 and recorded of Pages **496736** to **496749** of measurement Book No. **4968/2018-19** and that work is satisfactorily executed.

Contractor **Officer-in-charge of work**

Certified that measurement were taken by me on 1/10/19 /2019 and found correct. The work is satisfactoril executed.

Certified that the quantities of materials shown in column 3 of Accont have been actually brought to site of the work and the contractor has not previously received any advance on this security. These materials are of and imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agreed upon. A normal agreement signed and executed by the contractor is recorded in the office.

Sub-Division Officer

Assistant Executive Engineer
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.
Bangalore.

		Amount
1) Total value of work done or supplies made as per account within	BA	1412000-00
2) Deduct amount to be held in reserve being.....Percent Rs.....	FSW	70600-00
3) " Balance	UD	14200-00
4) Deduct Payment:	PWT	12607-00
a) Amount of previous payment as in the Office Cash Book Voucher No.....Dated.....S.D.No..... adjusted towards cash advance recovery of	CWT	12607-00
b) Payments cost store or other material supplied.	CR	1420-00
Now made recovery of amount creditable to this /other work	SWT	14200-00
Amount paid on this bill Cheque/Cash.	LD	8100-00
5) Balance being unpaid value of work done held in reserve.	Title	900-00
6) Deduct cash advance made on the Office cash Book Voucher No..... dated .....less adjustments.		
7) Net amount due to or from Contractor unadjustments items.		
8) Advance to Contractor for materials brought to site (as detailed) within		
9) Value of Government materials supplied.		
	Total amount adjustee	134634-00
Contractor's Signature		127736-00

Received Rs.....(in words).....

.....

by cash and by adjustment of Payment as per memorandum

(in final settlement of all demands)

(For use in the Office)

Witness

1

2

Dated Signature of Contractor

Paid by me by Cheque No.....Dated.....

Cash Rs.....

Dated.....

Initials of Officer making payment

Stamp

P1771 3295

ಬಿಲ್ಲು ಮೊಬಲಗು ರೂ. 1412000 ಗಳನ್ನು ಪಾಸು ಮಾಡಿದೆ.

ಇದರಲ್ಲಿ ರೂ. 134634-00

ಮುಂಡುಕೊಂಡು ರೂ. 127736-00

Executive Engineer

FD/NEFT/RTGS ಮುಖಾಂತರ ಸಂದಾಯವಾಗಿದೆ

ನಿರ್ವಾಹಕರು ವ್ಯವಹಾರಾಂಶಗಳು ವಿಭಾಗ ಬೃ.ಬೆ.ಮ.ಪಾ. ಬೆಂಗಳೂರು

ಆಯುಕ್ತರಾದ ಅಧಿಕಾರಿಗಳು ವ್ಯವಹಾರಾಂಶಗಳು ವಿಭಾಗ ಬೃ.ಬೆ.ಮ.ಪಾ. ಬೆಂಗಳೂರು

Sl. No.	Items grouped under sub-Heads and Sub-Works of the Estimate Description	Unit
1	KSRRB M200-12.2. Dismantling of existing structures like culverts, bridges, retaining walls and other structure comprising of masonry, cement concrete, wood work, steel work, including T&P and scaffolding wherever necessary, sorting the dismantled material, disposal of unserviceable material and stacking the serviceable material with all lifts complete as per specifications. i) Lime /Cement Concrete. I. By Manual Means :B. Cement Concrete Grade M-15 & M-20. MORTH Specification No. 202. (P.No. 139, I.No. 18.18 of CSR 2018-19)	cum
2	Supplying, lowering, laying, jointing, testing and commissioning of Glazed Stone Ware Pipes of following dia, conforming to IS 651:1992,IS 4127 with latest amendments, including conveying to work site, caulking with hemp dipped in tar and jointing with CM 1:1.5 using OPC, perfect linking and curing for 10 days and testing with water etc. with all lead, lifts and as per Technical Specifications. The cost to include the cost of all jointing materials, necessary survey works for laying of sewer lines etc. complete. The contractor will make own arrangements for procuring water for testing. **230 mm dia. pipes(BWSSB SR 17-18, P.157 I.No 3.4)**	Cum
	Qty Above 125%	
3	Supplying, lowering, laying, jointing, testing and commissioning of Glazed Stone Ware Pipes of following dia, conforming to IS 651:1992,IS 4127 with latest amendments, including conveying to work site, caulking with hemp dipped in tar and jointing with CM 1:1.5 using OPC, perfect linking and curing for 10 days and testing with water etc. with all lead, lifts and as per Technical Specifications. The cost to include the cost of all jointing materials, necessary survey works for laying of sewer lines etc. complete. The contractor will make own arrangements for procuring water for testing. **230 mm dia. pipes(BWSSB SR 17-18, P.157 I.No 3.4)**	Cum
	Qty Above 125%	
4	Supplying, lowering, laying, jointing, testing and commissioning of Glazed Stone Ware Pipes of following dia, conforming to IS 651:1992,IS 4127 with latest amendments, including conveying to work site, caulking with hemp dipped in tar and jointing with CM 1:1.5 using OPC, perfect linking and curing for 10 days and testing with water etc. with all lead, lifts and as per Technical Specifications. The cost to include the cost of all jointing materials, necessary survey works for laying of sewer lines etc. complete. The contractor will make own arrangements for procuring water for testing. **230 mm dia. pipes(BWSSB SR 17-18, P.157 I.No 3.4)**	cum
	Qty Above 125%	
5	Labour charges for laying and jointing glazed stone ware pipes of 0.6m length and of specified dia., of tested quality conforming to IS 651 of 1965 including caulking with hemp yarn, jointing with CM 1:2 and testing with water etc. complete for: (Rate to include cost of jointing materials and transportation of pipes from store work site but excluding the cost of earth work) - Glazed Stone Ware pipe of 230 mm dia	Rmt
	Qty Above 125%	

Previous Measurement		Present Measurement			Total Upto Date	
Qty	Rate Rs. P.	Qty	Rate Rs. P.	Amount	Qty	Cost
-	-	13.50	520.00	7020.00	13.50	7020.00
-	-	35.43	788.00	27918.84	35.43	27918.84
-	-	18.30	788.00	14420.40	18.30	14420.40
-	-	319.50	147.00	46966.50	319.50	46966.50
-	-	75.15 88.38	147.00	12991.86	88.38	11047.00 12991.86
-	-	193.75	462.00	89512.50	193.75	89512.50
-	-	55.25	462.00	25525.50	55.25	25525.50
-	-	193.75	95.00	18406.25	193.75	18406.25
-	-	55.25	95.00	5248.75	55.25	5248.75

6	Supplying lowering laying, jointing, testing and commissioning of following diameters glazed stone ware pipes, conforming to IS 651:1992, IS 4127 with latest amendments, of sizes including conveying to worksite and caulking with hemp dipped in tar and jointing with CM 1:1.5 using ordinary port land cement confirming to IS 12330, perfect linking and curing for 10 days and testing with water, with all lead and lifts, technical specifications, including cost of jointing materials, and all necessary survey works for laying of sewers etc.., complete (contractor will make his own arrangements for procuring water for testing). 230mm dia	Rmt
	Qty Above 125%	
7	"A" class GI pipe as casing over the MDPE pipe from the bore point and upto the entrance of the premises and removing the stone slab covering of the drain and dismantling the size stone masonry wherever necessary and making bore in the wall of the premises. On entering the premises, connection should be continued with 20 mm GI pipe by making "U" shape for the meter point below the ground level by making pit with sufficient space for the easy installation and removal of the water meter and providing vertical stand pipes on both sides of the mater. The connection should be secured firmly on the Board's main pipe with SS / Brass . ferrule of size 1/2" x 3/4" and fixing the union joint and gate valve / stop cock before the meter point and a reflex valve / non-return valve should be fixed on the connection after the meter point. (All these fixtures should be of standard quality conforming to IS). The compression fittings for MDPE pipes conforming to ISO 14236 and its latest versions. The excavated trench should be refilled with soft selected earth and the dismantled masonry of the drain should be re-constructed with available size stones in CM 1:8 and providing coping in CC 1:3:6 wherever required and the stone slab covering should be refixed in position with pointing in CM 1:3 and also the bored wall of the premises should be re-done to the original position and the rates are inclusive of the cost of all the materials, cement, sand water etc., required for these works. The road suface should be compacted well and brought to the original condition and the excess earth or debris should be disposed off to a distance with an initial lead of 10 Kms. etc. complete for:	No
8	Construction of granular sub-base by providing close graded cushed stone aggregates of granite / trap / basalt material, mixing in a mechanical mix plant at OMC, carriage of mixed material to work site, spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the desired density, complete as per specifications. A. Plant Mix Method For Grading-II Material	cum
	Qty Above 125%	
9	Wet Mix Macadam, Providing.laying, spreading and compacting cushed stone aggregates of granite trap/basalt to wet mis macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of 4 mixed method of tipper to site, laying in uniform layers with paver in sub-base base course on well prepared surface and compacting with bratory roller to achieve the desired density complete as per specifications	cum
	Qty Above 125%	
10	Refilling pipeline and foundation with selected trenches available earth form trench excavation and foundation inlcuding 5 watering, consolidation in layers of 15cms., thickness including disposing off the surplus earth with all leads & lifts	cum
	Qty Above 125%	

-	-	193.75	419.00	81181.25	193.75	81181.25
-	-	50.25	419.00	21054.75	50.25	21054.75
-	-	140.00	3140.00	439600.00	140.00	439600.00
-	-	26.16	1385.00	36231.60	26.16	36231.60
		7.45	1385.00	10318.25	7.45	10318.25
-	-	34.88	1471.00	51308.48	34.88	51308.48
		9.95	1471.00	14636.45	9.95	14636.45
-	-	181.19	54.70	9911.09	181.19	9911.09
		116.04	54.70	6347.39	116.04	6347.39

102.81

5624.00

11	EXCAVATING FOR PIPE LINE TRENCHES OF REQUIRED WIDTH by mechanical / & manual means including dressing sides, ramming of bottoms, providing barricading, danger lighting, shoring, strutting, dewatering, etc. IN DISINTEGRATED ROCK, SOFT ROCK, SOFT SHALE AND MEDIUM HARD ROCK COMPRISING OF LIME STONE, SAND STONE, HARD SHALE, SCHIEST, FISSURED ROCK without resorting to blast etc. for:Pipes of all dia. for depth upto 2.0 M Note : If any shoring and strutting, will be paid separately	cum
12	Dismantling the damaged or collapsed manhole of 4" dia conical in shape and reconstructing the same with machine made wire 6 brick in CM (1:4) as per design and specification of new cut manhole 4" dia with old frame and cover excluding bed concrete 13.6	No
13	Providing and constructing "wire cut brick manhole chambers" using sulphate resistant cement, conical in shape at top with C.C. 1:3:6 foundation using 40 mm and down size graded metal of approved quality and with an offset of 0.15 m alround the chamber and brick masonry in C.M. 1:4 plaster with wire cut bricks of approved quality and CM plaster 1:3 proportion 12 mm thick inside and outside except for the conical surface outside where the thickness of plaster shall be 20 mm thick, with 1:6 slope in the concrete towards the central drain, finished smooth and fixing of pipes in CC 1:2:4 graded metal of 20 mm and down size including conveying to work spot supplying & fixing SFRC manhole frame and cover confirming to IS:12592 with latest amendments in CC 1:2:4, supplying and fixing of minimum 3 mm thick encapsulated plastic footsteps (as per IS 10910) on 12 mm dia, Grade Fe-415 steel bar (as per IS 1786) staggered at 30 cms apart as detailed in Technical Specifications and as directed, watering, curring, barricading, danger lighting, pouring tar over MH frame and cover, cost of tar, shoring, strutting, dewatering, engraving manhole No. with flow irection on the inner conical surface etc., as per the drawing with wire cut bricks as per technical pecifications for the following diameters & depths by using Ordinary Port Land Cement. (inclusive of earthwork for all types of soil)	No
14	Disposong off the excess excavated earth of all type up to a distance mentioned Every Km beyond 5 KM 8 Considering 10 Km below by vehicle including loading unloading with all lifts labour HOM of machinery etc., complete	No
	Qty Above 125%	
15	Hire Charges for 2HP dewatering pump to bail out water at leaking pits inclusive of hire charges etc, complete Rs.1300/- per day of 8hours shift per day	Day
	TOTAL	

CRTIFICATE:

1. Certified that the above work done satisfactory and no materials issued from Department

Ashok N.D
AE (WS)

-	-	0.00	356.00	0.00	0.00	0.00
-	-	28.00	6489.00	181692.00	28.00	181692.00
-	-	10.00	13851.00	138510.00	10.00	138510.00
-	-	86.21	130.00	11207.30	86.21	11207.30
		14.78	130.00	1921.40	14.78	1921.40
		10.00	1146.00	11460.00	10.00	11460.00
				1263390.56		1263390.56

1260722.00
151287.00
1412009.00

Executive Engineer
Water Supply Sub Division,
K.E.W.A.
Bellary.